

Substitute Form PTO-1449  
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Patent and Trademark OfficeAttorney's Docket No.  
14875-161US1Application No.  
10/575,905**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant  
Kunihiro Hattori et al.Filing Date  
April 14, 2006Group Art Unit  
Unknown**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,474,893	10/02/1984	Reading			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB	CA 2 019 559	12/22/1990	Canada				
	AC	EP 0 404 097	12/27/1990	EPO			See AB	
	AD	JP 2-145187	06/04/1990	Japan			English abstract	
	AE	JP 5-184383	07/27/1993	Japan			X	
	AF	JP 5-199894	08/10/1993	Japan			X	
	AG	JP 5-203652	08/10/1993	Japan			X	
	AH	JP 5-213775	08/24/1993	Japan			X	
	AI	JP 5-304992	11/19/1993	Japan			X	
	AJ	JP 5-501543	03/25/1993	Japan			See AP	
	AK	JP 10-165184	06/23/1998	Japan			X	
	AL	JP 10-511085	10/27/1998	Japan			See AR	
	AM	JP 11-71288	03/16/1999	Japan			X	
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	AO	JP 2002-518041	06/25/2002	Japan			See AU	
	AP	WO 91/08770	06/27/1991	WIPO				
	AQ	WO 93/11161	06/10/1993	WIPO				
	AR	WO 96/16673	06/06/1996	WIPO				
	AS	WO 96/26964	09/06/1996	WIPO				
	AT	WO 99/10494	03/04/1999	WIPO				
	AU	WO 99/67359	12/29/1999	WIPO				
	AV	WO 01/19992	03/22/2001	WIPO				
	AW	WO 03/087163	10/23/2003	WIPO			X	
	AX	WO 2004/065611	08/05/2004	WIPO			X	

Examiner Signature

Date Considered

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.O./

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AY	Bebbington et al., "High-Level Expression of a Recombinant Antibody from Myeloma Cells Using a Glutamine Synthetase Gene as an Amplifiable Selectable Marker," <i>Biotechnology (N Y)</i> , 10:169-175 (1992)
	AZ	Bos et al., "Enhanced Transfection of a Bacterial Plasmid into Hybridoma Cells by Electroporation: Application for the Selection of Hybrid Hybridoma (Quadroma) Cell Lines," <i>Hybridoma</i> , 11:41-51 (1992)
	AAA	Brennan et al., "Preparation of Bispecific Antibodies by Chemical Recombination of Monoclonal Immunoglobulin G1 Fragments," <i>Science</i> , 229:81-83 (1985)
	ABB	Carter, "Bispecific human IgG by design," <i>J. Immunol. Methods</i> , 248:7-15 (2001)
	ACC	Deng et al., "An Agonist Murine Monoclonal Antibody to the Human c-Mpl Receptor Stimulates Megakaryocytopoiesis," <i>Blood</i> , 92:1981-1988 (1998)
	ADD	Francois et al., "Construction of a Bispecific Antibody Reacting with the $\alpha$ - and $\beta$ -Chains of the Human IL-2 Receptor," <i>J. Immunol.</i> , 150:4610-4619 (1993)
	AEE	GenPept Accession No. AAC26541, "anti BoNT/A Hc scFv antibody [synthetic construct]," 1 page (August 1, 2001)
	AFF	Hämmerling et al., "Use of Hybrid Antibody with Anti- $\gamma$ G and Anti-Ferritin Specificities in Locating Cell Surface Antigens by Electron Microscopy," <i>J. Exp. Med.</i> , 128:1461-1473 (1968)
	AGG	Holliger et al., "Diabodies": Small bivalent and bispecific antibody fragments," <i>Proc. Natl. Acad. Sci. USA</i> , 90:6444-6448 (1993)
	AHH	Huse et al., "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda," <i>Science</i> , 246:1275-1281 (1989)
	AII	Kang et al., "Linkage of recognition and replication functions by assembling combinatorial antibody Fab libraries along phage surfaces," <i>Proc. Natl. Acad. Sci. USA</i> , 88:4363-4366 (1991)
	AJJ	Karpovsky et al., "Production of Target-Specific Effector Cells Using Hetero-Cross-Linked Aggregates Containing Anti-Target Cell and Anti-Fc $\gamma$ Receptor Antibodies," <i>J. Exp. Med.</i> , 160:1686-1701 (1984)
	AKK	Kim et al., "Mammalian type I interferon receptors consists of two subunits: IFNaR1 and IFNaR2," <i>Gene</i> , 196:279-286 (1997)
	ALL	Kroesen et al., "Phase I study of intravenously applied bispecific antibody in renal cell cancer patients receiving subcutaneous interleukin 2," <i>Br. J. Cancer</i> , 70:652-661 (1994)
	AMM	Kurokawa et al., "Enhanced Fibrinolysis by a Bispecific Monoclonal Antibody Reactive to Fibrin and Tissue Plasminogen Activator," <i>Bio/Technology</i> , 7:1163-1167 (1989)
	ANN	Lapan et al., "Interaction of the A1 Subunit of Factor VIIa and the Serine Protease Domain of Factor X Identified by Zero-length Cross-linking," <i>Thromb. Haemost.</i> , 80:418-422 (1998)
	AOO	Le Doussal et al., "Bispecific Monoclonal Antibody-Mediated Targeting of an Indium-111-Labeled DTPA Dimer to Primary Colorectal Tumors: Pharmacokinetics, Biodistribution, Scintigraphy and Immune Response," <i>J. Nucl. Med.</i> , 34:1662-1671 (1993)
	APP	Link et al., "Production and Characterization of a Bispecific IgG Capable of Inducing T-Cell-Mediated Lysis of Malignant B Cells," <i>Blood</i> , 81:3343-3349 (1993)
	AQQ	Löfqvist et al., "Haemophilia prophylaxis in young patients – a long-term follow-up," <i>J. Intern. Med.</i> , 241:395-400 (1997)

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Other Documents (include Author, Title, Date, and Place of Publication)		
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	ARR	Lu et al., "Di-diabody: a novel tetravalent bispecific antibody molecule by design," <i>J. Immunol. Methods</i> , 279:219-232 (2003)
	ASS	Lu et al., "Fab-scFv fusion protein: an efficient approach to production of bispecific antibody fragments," <i>J. Immunol. Methods</i> , 267:213-226 (2002)
	ATT	Massino et al., "Quantitative analysis of the products of IgG chain recombination in hybrid hybridomas based on affinity chromatography and radioimmunoassay," <i>J. Immunol. Methods</i> , 201:57-66 (1997)
	AUU	McCafferty et al., "Phage antibodies: filamentous phage displaying antibody variable domains," <i>Nature</i> , 348:552-554 (1990)
	AVV	Mertens et al., "Factor VIII-Factor IX Interactions: Molecular Sites Involved in Enzyme-Cofactor Complex Assembly," <i>Thromb. Haemost.</i> , 82:209-217 (1999)
	AWW	Milstein et al., "Hybrid hybridomas and their use in immunohistochemistry," <i>Nature</i> , 305:537-540 (1983)
	AXX	"National Haemophilia Foundation (NHF) Medical and Scientific Advisory Council (MASAC) Recommendations Concerning Prophylaxis," <i>Medical Bulletin</i> , No. 193, 1 page (1994)
	AYY	Nilsson et al., "Twenty-five years' experience of prophylactic treatment in severe haemophilia A and B," <i>J. Intern. Med.</i> , 232:25-32 (1992)
	AZZ	Nitta et al., "Preliminary trial of specific targeting therapy against malignant glioma," <i>Lancet</i> , 335:368-371 (1990)
	AAAA	Ridgway et al., "'Knobs-into-holes' engineering of antibody C <sub>H</sub> 3 domains for heavy chain heterodimerization," <i>Protein Eng.</i> , 9:617-621 (1996)
	ABBB	Segal et al., "Introduction: bispecific antibodies," <i>J. Immunol. Methods</i> , 248:1-6 (2001)
	ACCC	Shalaby et al., "Development of Humanized Bispecific Antibodies Reactive with Cytotoxic Lymphocytes and Tumor Cells Overexpressing the <i>HER2</i> Protooncogene," <i>J. Exp. Med.</i> , 175:217-225 (1992)
	ADDD	Stickney et al., "Bifunctional Antibody: A Binary Radiopharmaceutical Delivery System for Imaging Colorectal Carcinoma," <i>Cancer Res.</i> , 51:6650-6655 (1991)
	AEEE	Suresh et al., "Advantages of bispecific hybridomas in one-step immunocytochemistry and immunoassays," <i>Proc. Natl. Acad. Sci. USA</i> , 83:7989-7993 (1986)
	AFFF	Suresh et al., "Bispecific Monoclonal Antibodies from Hybrid Hybridomas," <i>Methods Enzymol.</i> , 121:210-228 (1986)
	AGGG	Taki, <i>The Journal of Japanese Society on Thrombosis and Hemostasis</i> , 13:109-113 (2002) (see reference AXX for concise English explanation)
	AHHH	Weiner et al., "A Human Tumor Xenograft Model of Therapy with a Bispecific Monoclonal Antibody Targeting <i>c-erbB-2</i> and CD16," <i>Cancer Res.</i> , 53:94-100 (1993)
	AIII	Weiner et al., "The Role of T Cell Activation in Anti-CD3 × Antitumor Bispecific Antibody Therapy," <i>J. Immunol.</i> , 152:2385-2392 (1994)
	AJJJ	Xiang et al., "Production of Murine V-Human Cr1 Chimeric Anti-TAG72 Antibody Using V Region cDNA Amplified by PCR," <i>Mol. Immunol.</i> , 27:809-817 (1990)

Examiner Signature /Ilia Ouspenski/	Date Considered 06/16/2010
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